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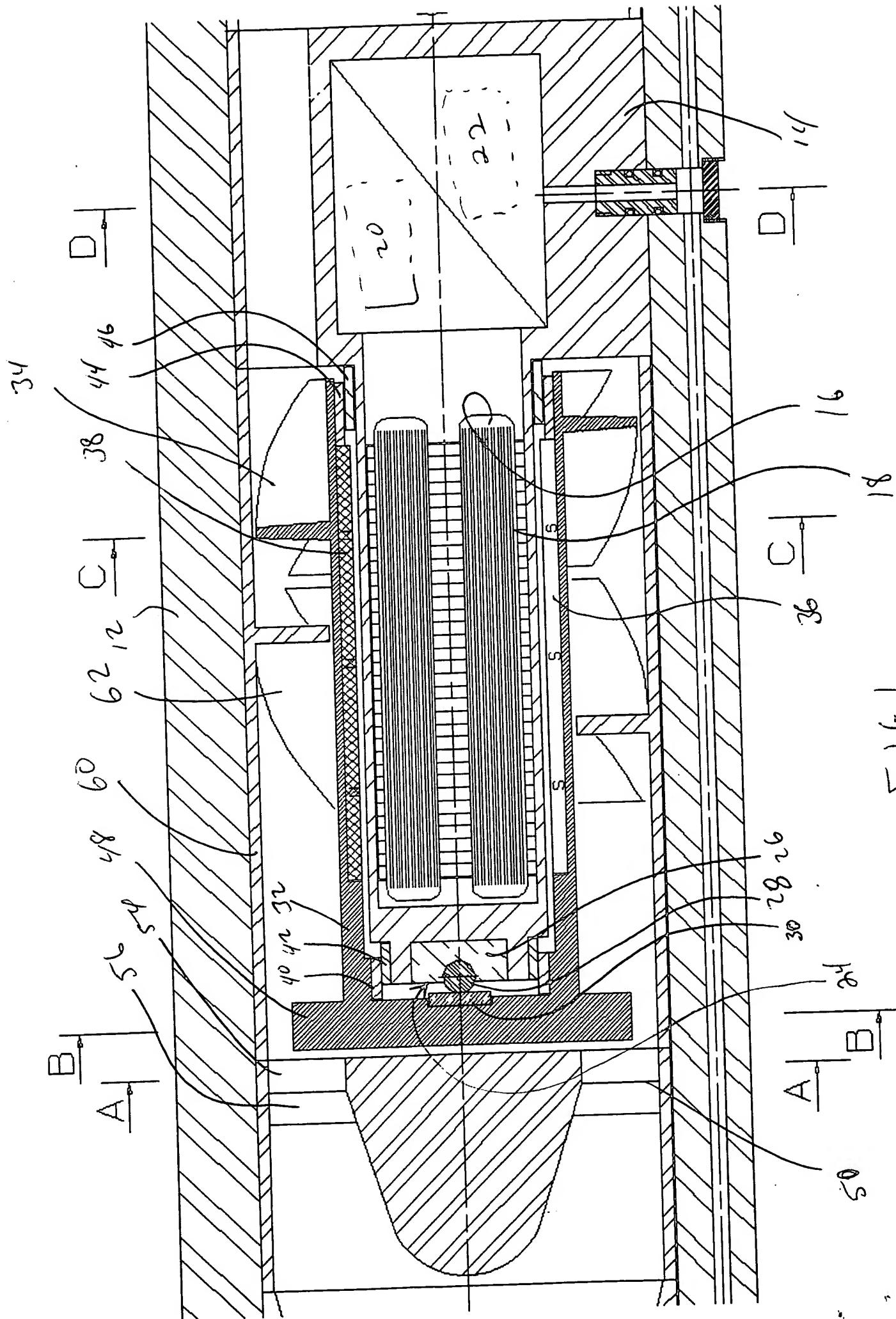
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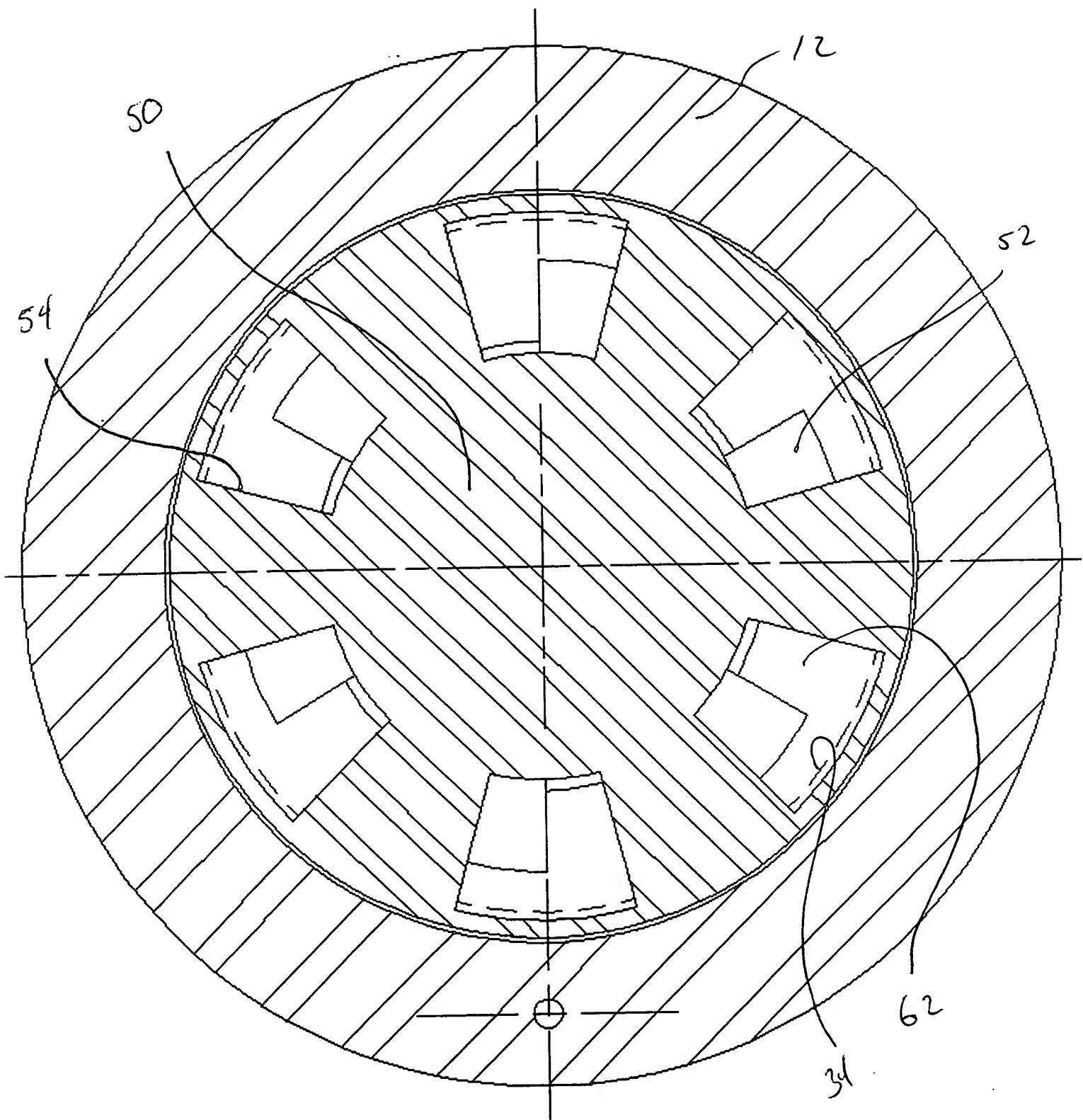


FIG 1 A  
A - A

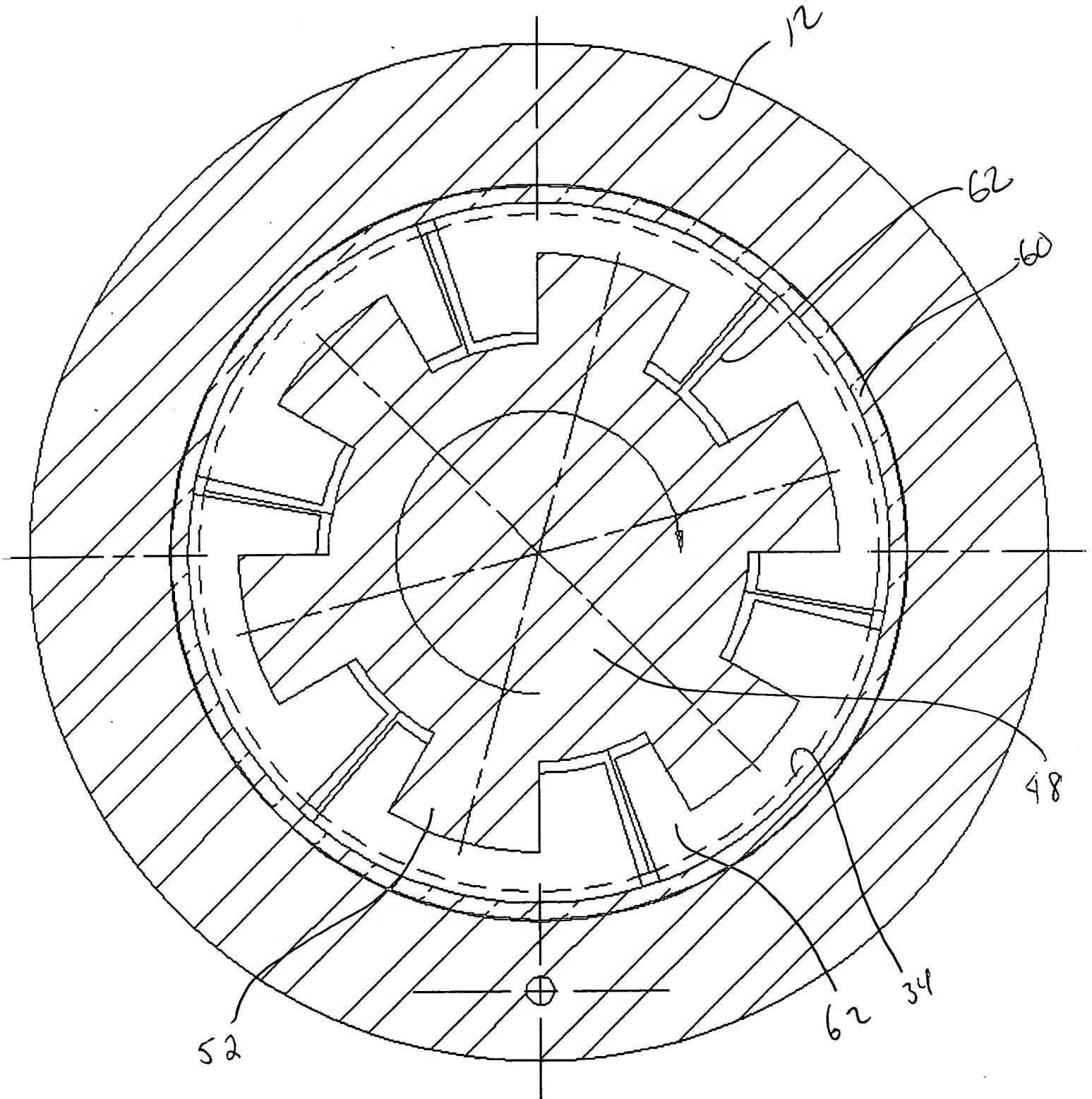


FIG. 1B - B

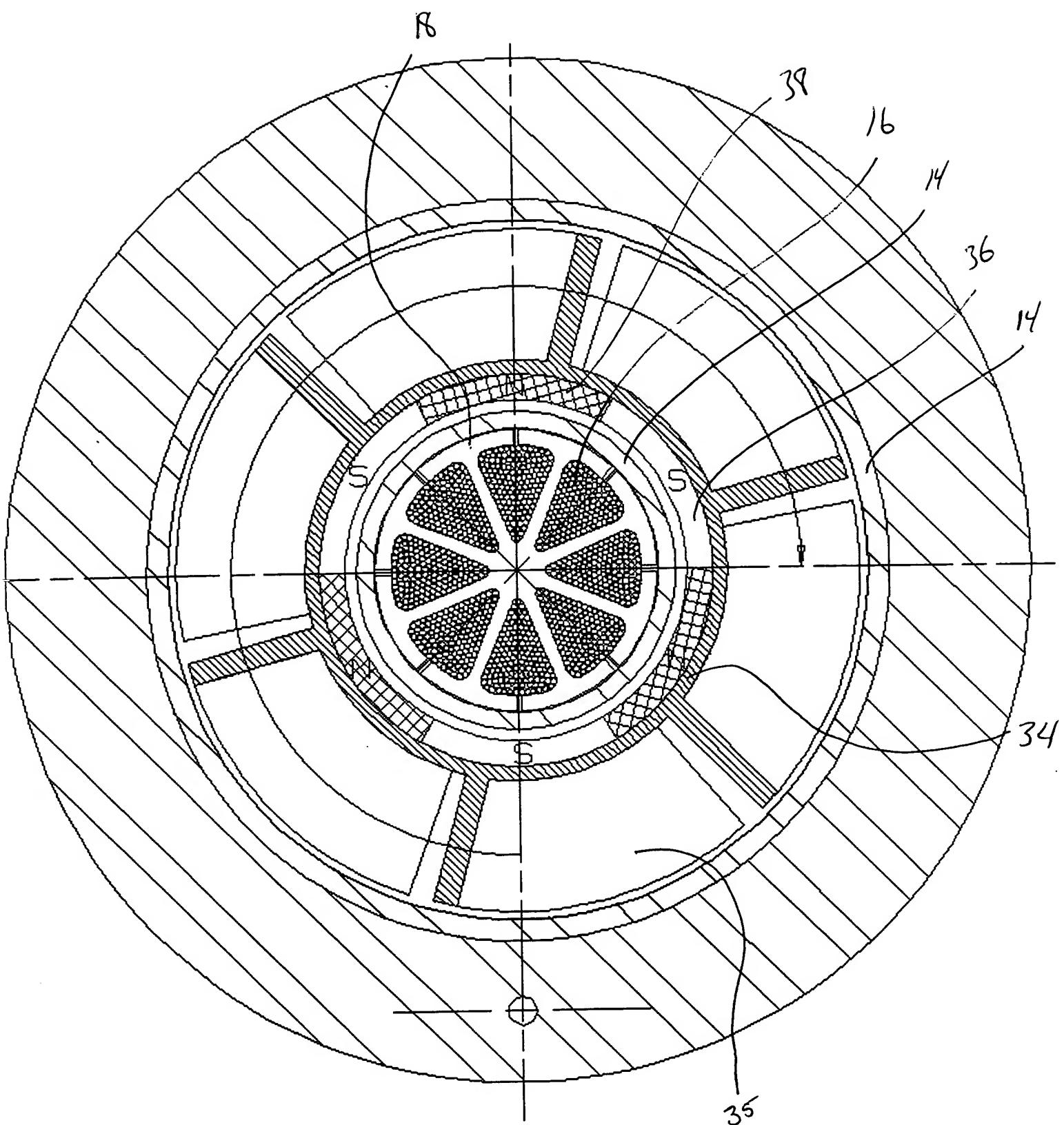
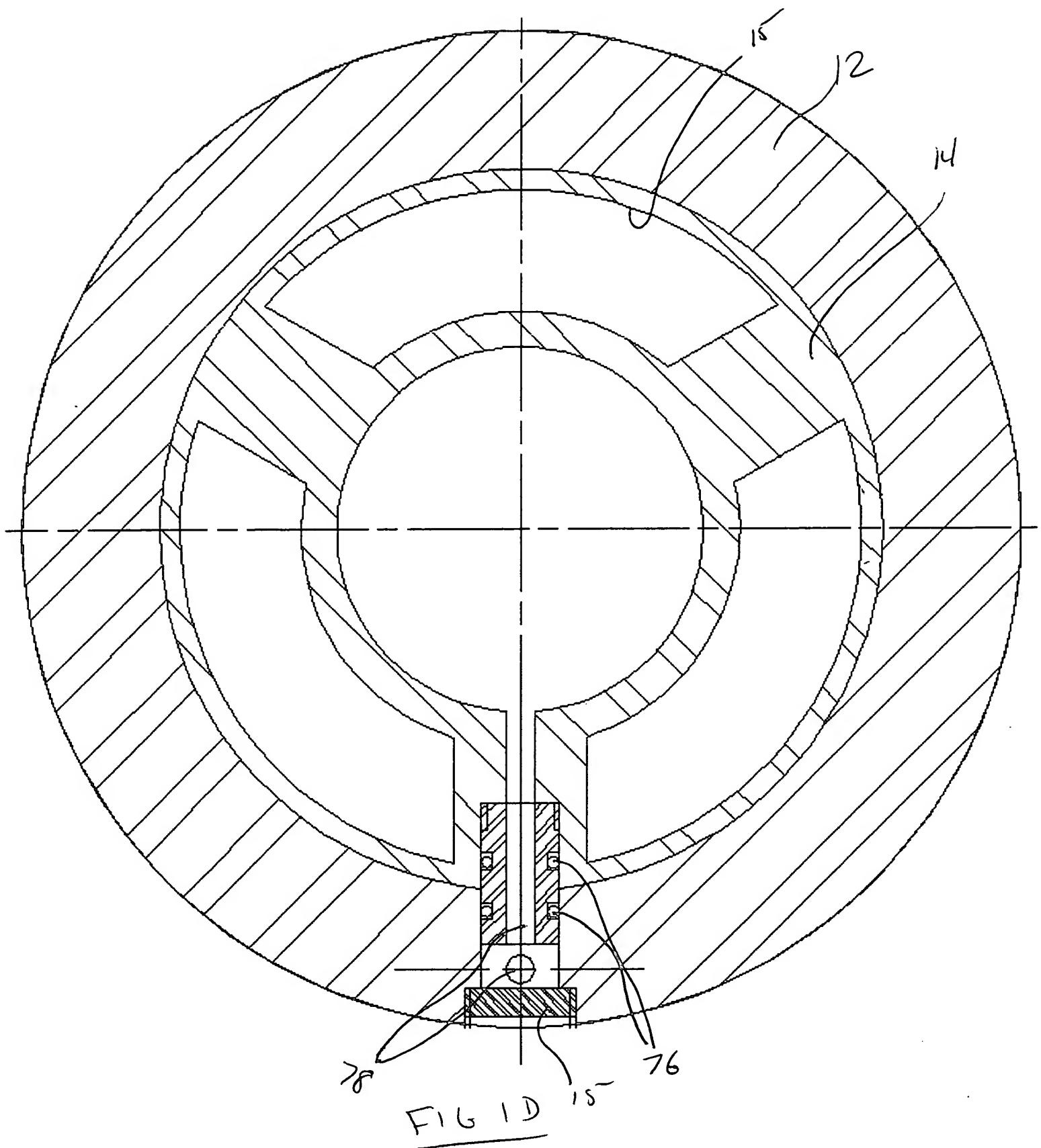


FIG 1C  
C - C



□ — □

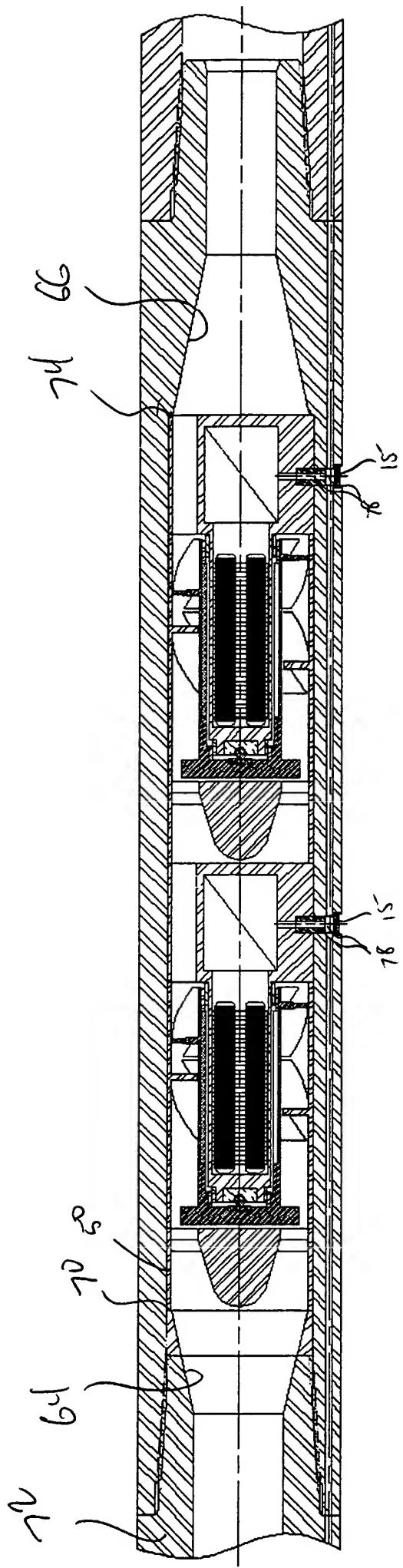
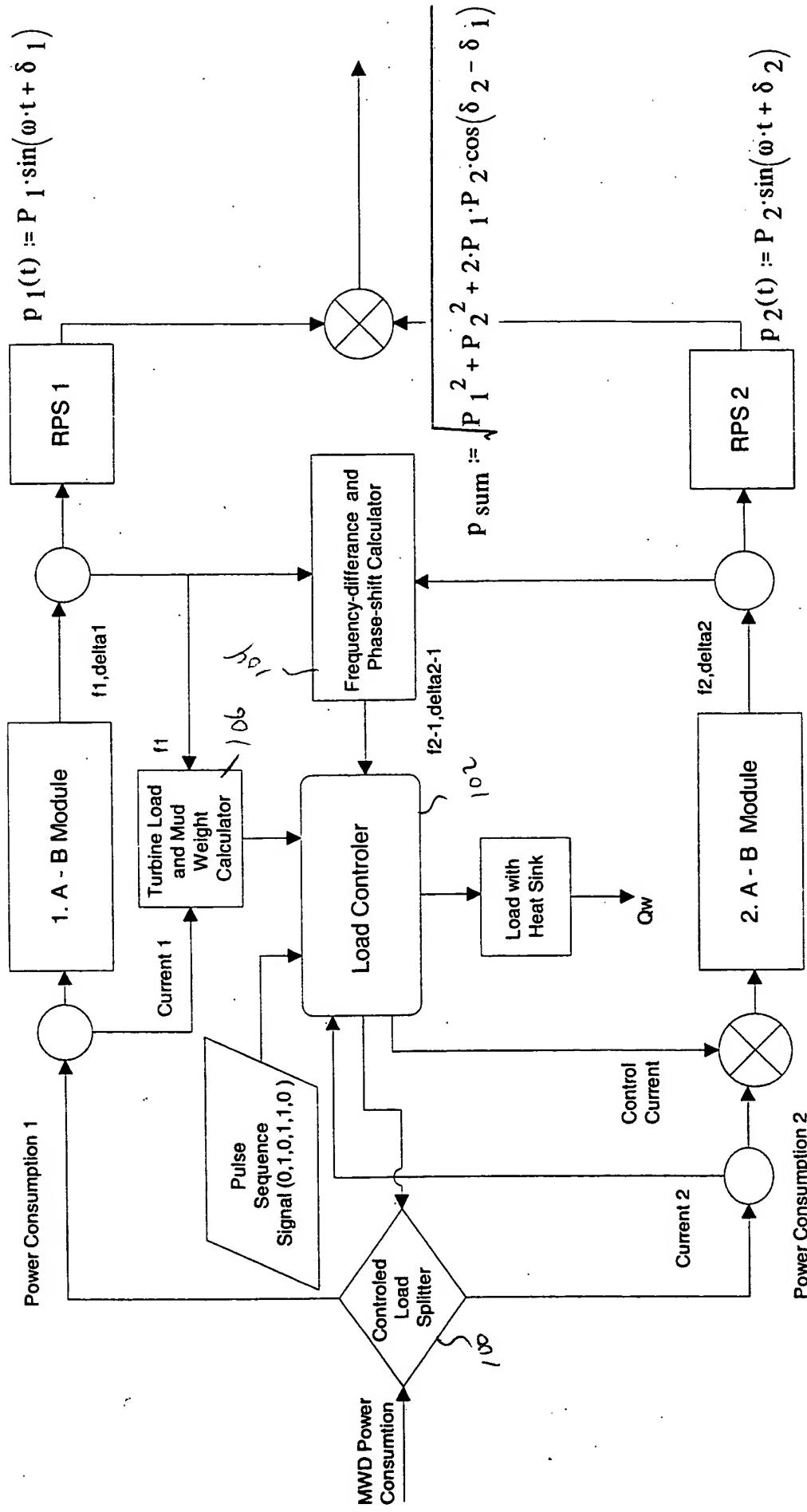


Fig. 2

**App** ndix for Inv ntion Disclosure "Integrated Power and Communication System for down hole applications IPICS"

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Figure 5



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Figure 4

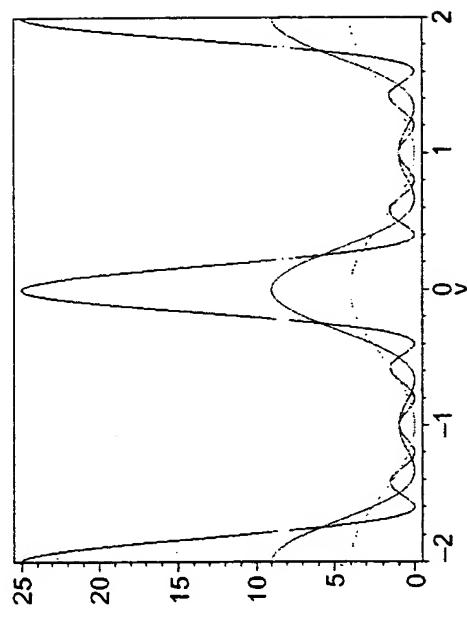
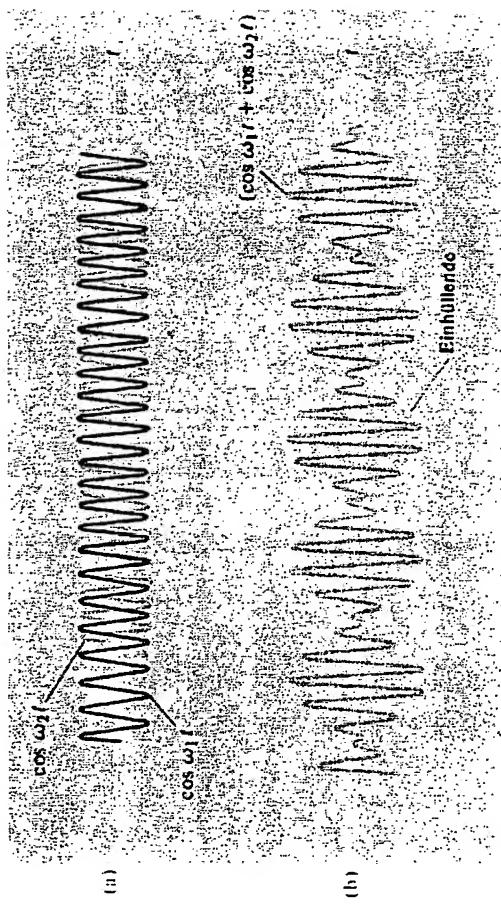
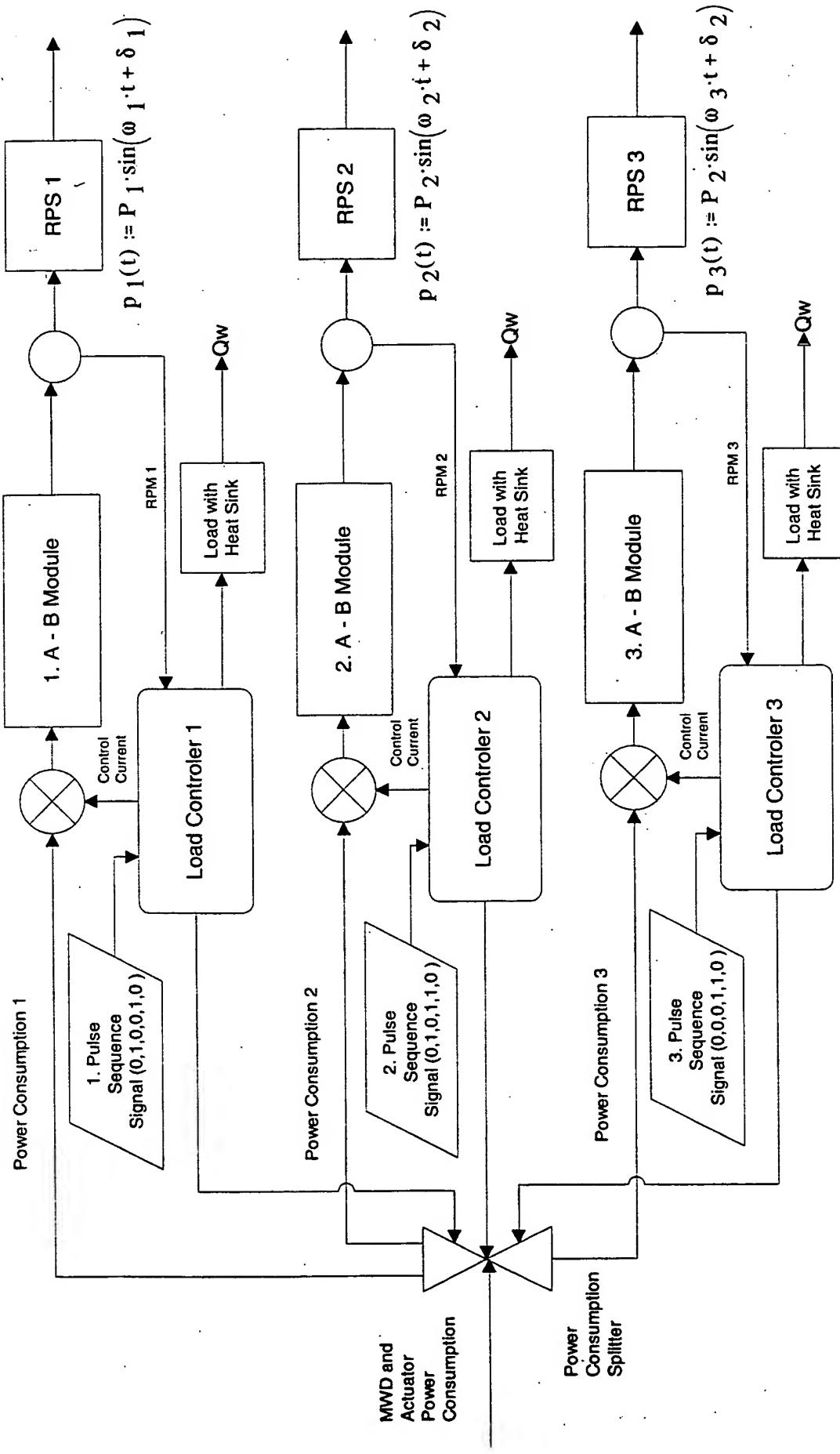


Figure 5



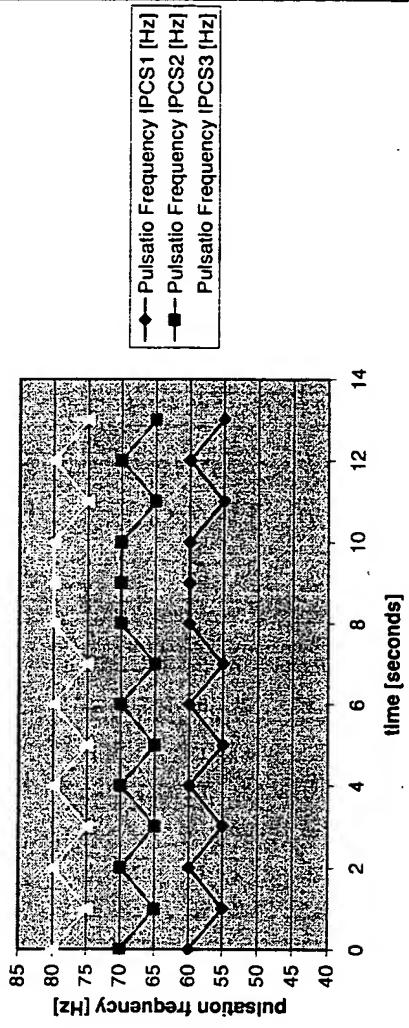
**Appendix for Invention Disclosure "Integrated Power and Communication System for down hole applications IPCS"**

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**Appendix for Invention Disclosure "Integrated Power and Communication System for down hole applications IPCS"**

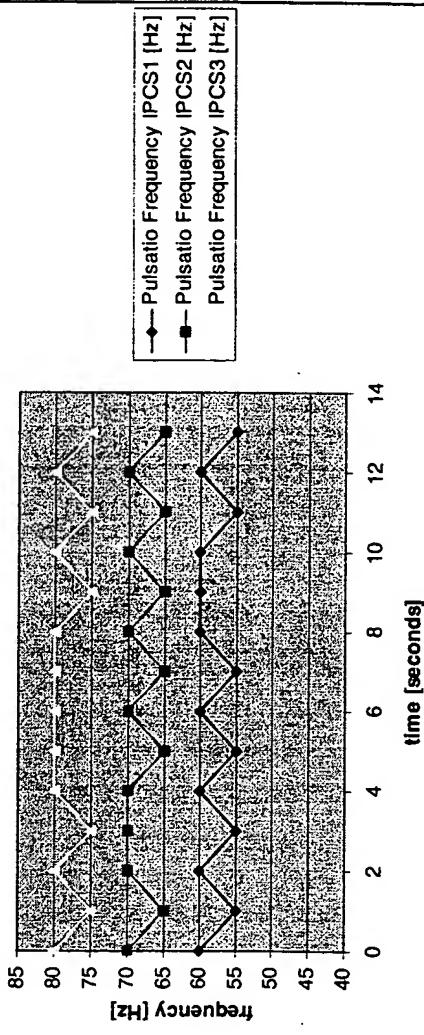
**S-Mode with redundant signal transmission**



7

F | 6

**S-Mode with X-Channel Transmission**



F | 6 . 8